

**Response Under 37 CFR 1.116  
Expedited Procedure  
Examining Group 1700  
Application No. 10/001,573  
Paper Dated September 9, 2004  
Attorney Docket No. 128346.31801**

**RECEIVED  
CENTRAL FAX CENTER**

**SEP 09 2004**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Michael H. ZIMMERMAN et al.  
Filed : November 2, 2001  
Application No. : 10/001,573  
Title : Low Oxygen Cubic Boron Nitride and Its Production  
Group Art Unit : 1754  
Examiner : Wayne A. Langel

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO FINAL OFFICE ACTION**

Sir:

This is a response to a Final Office Action dated July 9, 2004 in the above identified application. A response to this Office Action to receive an Advisory Action is due September 9, 2004. Accordingly, this Response is timely filed.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 5 of this paper.

# Pepper Hamilton LLP

Attorneys at Law

**RECEIVED**  
**CENTRAL FAX CENTER**

SEP 09 2004

## FAX INFORMATION SHEET

50th Floor  
500 Grant Street  
Pittsburgh, PA 15219-2502  
412.454.5000  
Fax 412.281.0717  
www.pepperlaw.com

Date: September 9, 2004  
ID Number: 62626  
Identifier: 128346.31801

<u>Recipient's Name</u>	<u>Company</u>	<u>General Number</u>	<u>Fax Number</u>
Examiner Wayne A. Langel	United States Patent and Trademark Office		703-872-9306

Sender: Michelle Pichora  
Sender's Direct Line: 412-454-5042  
Sender's Email Address: pichoram@pepperlaw.com

Total Pages Including Cover: 13

### Comments:

An original or a copy has ☐ or has not ☒ been sent to you by mail ☐ or by overnight service ☐ or by email ☐.

◆ ◆ If total pages are not received, or an error occurred during this transmission, please call the sender at the direct line listed above. ◆ ◆

### ◆ ◆ CONFIDENTIALITY NOTE ◆ ◆

The documents accompanying this facsimile transmission contain information from the law firm of Pepper Hamilton LLP which is confidential and/or legally privileged. The information is intended only for the use of the individual or entity named on this transmission sheet. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or the taking of any action in reliance on the contents of this faxed information is strictly prohibited, and that the documents should be returned to this Firm immediately. In this regard, if you have received this facsimile in error, please notify us by telephone immediately so that we can arrange for the return of the original documents to us at no cost to you.

#### Operator's Use Only

Start Time: : am [ ] pm [ ] End Time: : am [ ] pm [ ]  
Operator:

SEP 09 2004

**CERTIFICATE OF FACSIMILE UNDER 37 C.F.R. §1.6 & §1.8**

In re Application of: :  
Michael H. Zimmerman et al. :  
Serial No.: 10/001,573 : Group Art Unit: 1754  
Filed: November 2, 2001 : Examiner: Wayne A. Langel  
For: LOW OXYGEN CUBIC BORON NITRIDE AND ITS  
PRODUCTION

I hereby certify that this "Response to Final Office Action Under 37 C.F.R. §1.116" is being sent via facsimile to fax number (703) 872-9306 under 37 C.F.R. §1.6 & §1.8 on September 9, 2004.

Michelle Pichora  
(Typed/printed name of person mailing paper or fee)

Michelle Pichora  
(Signature of person mailing paper or fee)

**ENCLOSED DOCUMENTS**

1. Facsimile Cover Sheet; and
2. Response to Final Office Action  
Under 37 C.F.R. §1.116.